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GEO. WM. HILL, *Editor and Chief.*

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GEO. WM. HILL,
Editor and Chief.

Approved:

JAMES WILSON,
Secretary of Agriculture.

WASHINGTON, D. C., January 15, 1907.

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- Circular 2.—Changes in and Additions to Methods of Analysis Adopted at 13th Annual Meeting of Association of Official Agricultural Chemists, Dec. 12, 1896. Pp. 6.

- Circular 3, second revision.—Proposed Reforms in Fertilizer-Inspection Laws. Pp. 4.
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- Circular 26.—Extracts from the Proceedings of the Association of Official Agricultural Chemists, 1905. Pp. 16.
- Circular 28.—Provisional Methods for the Determination of Food Preservatives as Authorized by the Association of Official Agricultural Chemists, 1905. Pp. 13, fig. 1.
- Circular 29.—Changes in Provisional Methods for the Analysis of Foods, and Additions Thereto, from 1902 to 1905. Pp. 20.
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- Circular 3.—An Important Enemy to Fruit Trees: The San Jose Scale. Pp. 10.
- Circular 4.—The Army Worm. Pp. 5, figs. 3.
- Circular 5.—The Carpet Beetle, or "Buffalo" Moth. Pp. 4, fig. 1.
- Circular 6.—The Mexican Cotton-boll Weevil. Pp. 5, figs. 3.
- Same*, Spanish.
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- Circular 8.—The Imported Elm Leaf-beetle. Pp. 4, fig. 1.

- Circular 9.—Canker-worms. Pp. 4, figs. 4.
- Circular 10.—The Harlequin Cabbage Bug or Calico Back (*Murgantia histrionica* Hahn). Pp. 2.
- Circular 11.—The Rose Chafer. Pp. 4, fig. 1.
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- Circular 13, revised.—Mosquitoes and Fleas. Pp. 6.
- Circular 14.—The Mexican Cotton-boll Weevil, Spanish edition. Pp. 8, figs. 5.
- Circular 15.—General Work Against Insects which Defoliate Shade Trees in Cities and Towns. Pp. 4.
- Circular 16.—The Larger Cornstalk Borer. Pp. 3, figs. 3.
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- Circular 22.—The Periodical Cicada in 1897. Pp. 4.
- Circular 23.—The Buffalo Tree-hopper. Pp. 4, figs. 4.
- Circular 24.—The Two-lined Chestnut Borer. Pp. 8, fig. 1.
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- Circular 53.—The Yellow-winged Locust (*Camnula pellucida*). Pp. 3, fig. 1.
- Circular 54.—The Peach Tree Borer. Pp. 6, fig. 1.
- Circular 55.—Powder-post Injury to Seasoned Wood Products. Pp. 5.
- Circular 56.—The Most Important Step in the Cultural System of Controlling the Boll Weevil. Pp. 7.
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- Circular 68.—The Tobacco Thrips and Remedies to Prevent "White Veins" in Wrapper Tobacco (*Euthrips nicotianæ* Hinds). Pp. 6.
- Circular 69.—Some Insects Affecting the Production of Red Clover Seed. Pp. 9, figs. 8.
- Circular 70.—The Hessian Fly (*Mayetola (Cecidomyia) destructor* Say). Pp. 16, figs. 16.
- Circular 71. revised.—House Flies (*Musca domestica* et al.). Pp. 9, figs. 10.
- Circular 72.—Key to the Known Larvæ of the Mosquitoes of the United States. Pp. 6, fig. 1.
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- Circular 78.—The Slender Seed-corn Ground-beetle (*Clivina impressifrons* Lec.). Pp. 6, figs. 2.
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- Circular 80.—The Melon Aphis (*Aphis gossypii* Glov.). Pp. 16, figs. 6.
- Circular 82.—Pinhole Injury to Girdled Cypress in the South Atlantic and Gulf States. Pp. 4, fig. 1.

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- Circular 27.—Statistics of Agricultural Colleges and Experiment Stations, 1894. Pp. 18.
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- Circular 39.—Methods of Teaching Agriculture [third report]. Pp. 7.
- Circular 40.—Land-Grant and Other Colleges and the National Defense. Pp. 15.
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- List of Station Publications Received by the Office of Experiment Stations during September and October, 1905. Pp. 7. (Doc. 847.)
- List of Station Publications Received by the Office of Experiment Stations during November and December, 1905. Pp. 6. (Doc. 858.)
- List of Station Publications Received by the Office of Experiment Stations during January and February, 1906. Pp. 8. (Doc. 872.)
- List of Publications of the Office of Experiment Stations on Irrigation and Drainage. Pp. 10. (Doc. 875.)
- List of Station Publications Received by the Office of Experiment Stations during March and April, 1906. Pp. 12. (Doc. 890.)
- List of Publications of the Office of Experiment Stations on the Food and Nutrition of Man. (Corrected to June 1, 1906.) Pp. 14. (Doc. 903.)
- List of Station Publications Received by the Office of Experiment Stations during May and June, 1906. Pp. 11. (Doc. 908.)
- Water Rights on Interstate Streams: The Platte River and Tributaries. Results of Investigations. 1905. Pp. 87.
- Water Rights on Interstate Streams: The Platte River and Tributaries. Water Rights within the States. 1905. Pp. 20. (Doc. 855.)
- Publications of the Office of Experiment Stations, 1888-1889, and Publications of the Agricultural Experiment Stations of the United States, 1875-1899. Pp. 44. (Doc. 877.)
- Publications of the Office of Experiment Stations Issued during 1902 and Station Publications Received by the Office of Experiment Stations during 1902. Pp. 45. (Doc. 879.)
- Publications of the Office of Experiment Stations Issued during 1903 and Station Publications Received by the Office of Experiment Stations during 1903. Pp. 18. (Doc. 880.)
- Publications of the Office of Experiment Stations Issued during 1904 and Station Publications Received by the Office of Experiment Stations during 1904. Pp. 16. (Doc. 881.)

FOREST SERVICE. (BUREAU OF FORESTRY.)

- Circular 9.—Effect of Turpentine Gathering on the Timber of Long-leaf Pine. P. 1.
- Circular 11.—Facts and Figures Regarding Our Forest Resources, Briefly Stated. Pp. 8.

- Circular 12.—Southern Pine: Mechanical and Physical Properties. Pp. 12.
- Circular 14.—Is Protection Against Forest Fires Practicable? Pp. 4.
- Circular 15.—Summary of Mechanical Tests on Thirty-two Species of American Woods. Pp. 12.
- Circular 17.—Recent Legislation on State Forestry Commissions and Forest Reserves. Pp. 15.
- Circular 20.—Increasing the Durability of Timber. Pp. 5.
- Circular 21, fourth revision.—Practical Assistance to Farmers, Lumbermen, and Others in Handling Forest Lands. Pp. 5.
- Circular 22, fourth revision.—Practical Assistance to Tree Planters. Pp. 4.
- Circular 23, third revision.—Suggestions to Prospective Forest Students. Pp. 5.
- Circular 25.—Forestry and the Lumber Supply. Pp. 14.
- Circular 26.—Forest Fires in the Adirondacks in 1903. Pp. 15, map.
- Circular 32.—Progress Report on the Strength of Structural Timber. 1904. Pp. 27.
- Circular 34.—Practical Results of the Cup and Gutter System of Turpentineing. Pp. 7, figs. 5.
- Circular 35.—Forest Preservation and National Prosperity. Pp. 31.
- Circular 36.—The Forest Service: What it is and How it Deals with Forest Problems. Pp. 24.
- Circular 37.—Forest Planting in the Sand-hill Region of Nebraska. Pp. 5.
- Circular 38.—Instructions to Engineers of Timber Tests. Pp. 55, figs. 13.
- Circular 39.—Experiments on the Strength of Treated Timber. Pp. 31, figs. 2.
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- Circular 41.—Forest Planting on Coal Lands in Western Pennsylvania. Pp. 16.
- Circular 43.—Cross-ties Purchased by the Steam Railroads of the United States in 1905. Pp. 6.
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- Circular 45.—Forest Planting in Eastern Nebraska. Pp. 32.
- Circular 46.—Holding Force of Railroad Spikes in Wooden Ties. Pp. 7, figs. 4.
- Circular 47.—Strength of Packing Boxes of Various Woods. Pp. 8, figs. 3.
- Circular 48.—Kiln-drying Hardwood Lumber. Pp. 19, figs. 4.
- Circular 53.—Wood Used for Tight Cooperage Stock in 1905. Pp. 8.

DIVISION OF PUBLICATIONS.

Circular 1, revised.—Organization of the Department of Agriculture. Pp. 31. (Corrected to October 1, 1905.)

Circular 2.—Publications Available for Free Distribution in the United States. Pp. 48. (Corrected to October 1, 1906.)

Circular 3.—List of Publications of the Department of Agriculture for Sale by the Superintendent of Documents. Pp. 74. (Revised to March 1, 1906.)

Circular 4.—Farmers' Bulletin Subject Index. Pp. 13.

Monthly List of Publications.

This list is issued on the last day of each month and contains the titles of all publications issued by the Department of Agriculture during the month. The Monthly List is mailed regularly to all persons who request to have their names enrolled for that purpose.

OFFICE OF ROAD INQUIRY.

Circular 18.—Report of Committee on Legislation, Adopted by the State Good Roads Convention held in Richmond, Va., October 10 and 11, 1895. Pp. 6.

Circular 21.—Methods of Constructing Macadamized Roads. Pp. 12.
Extract from a report prepared by the Chief Engineering Inspector of the Local Government Board of Great Britain.

Circular 22.—Tennessee Road Circular. Pp. 3.

Circular 24.—Highway Maintenance and Repairs. Pp. 16.

Highway taxation; comparative results of labor and money systems; contract system of maintaining roads.

Circular 27.—Cost of Hauling Farm Products to Market or to Shipping Points in European Countries. Pp. 12.

Circular 30.—Repairs to Macadam Roads. Pp. 14.

Circular 32.—State Aid to Road Building in Minnesota. Pp. 12, figs. 5.

Circular 35.—Road Improvement in New York. Pp. 15.

Circular 37.—The Railroads and the Wagon Roads. Pp. 4.

Circular 38.—A Study of Rock Decomposition Under the Action of Water. Pp. 10.

Circular 39.—Public Roads of the State of Washington: Mileage and Expenditures in 1904. Pp. 2.

Circular 40.—Public Roads of Arizona: Mileage and Expenditures in 1904. Pp. 2.

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- Circular 45.—Public Roads of North Carolina: Mileage and Expenditures in 1904. Pp. 4.
- Circular 46.—Public Roads of Alabama: Mileage and Expenditures in 1904. Pp. 3.
- Circular 47.—Tar and Oil for Road Improvement: Report of Progress of Experiments at Jackson, Tennessee. Pp. 8.
- Circular 48.—Public Roads of Tennessee: Mileage and Expenditures in 1904. Pp. 4.
- Circular 49.—Public Roads of New Hampshire: Mileage and Expenditures in 1904. Pp. 2.
- Circular 50.—Public Roads of Maryland: Mileage and Expenditures in 1904. Pp. 2.
- Circular 51.—Public Roads of Maine: Mileage and Expenditures in 1904. Pp. 2.
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- Circular 59.—Public Roads of Florida: Mileage and Expenditures in 1904. Pp. 3.
- Circular 60.—Public Roads of South Carolina: Mileage and Expenditures in 1904. Pp. 4.
- Circular 61.—Public Roads of Nebraska: Mileage and Expenditures in 1904. Pp. 4.
- Circular 62.—Public Roads of Nevada: Mileage and Expenditures in 1904. Pp. 2.
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OFFICE OF THE SECRETARY.

- Circular 3.—Progress of Southern Agriculture. Pp. 12.
- Circular 6.—Number, Status, and Compensation of Employees in the Department of Agriculture. Pp. 4.

- Circular 8, revised.—Cooperative Grass and Forage Plant Investigations with State Experiment Stations. Pp. 16.
- Circular 9.—Collection and Distribution of Grass Seed: Field Work. Pp. 11.
- Circular 11.—Methods and Benefits of Growing Sugar-beets. Pp. 27.
- Circular 13.—Standards of Purity for Food Products. (Superseding Circular 10.) Supplemental Proclamation. Pp. 14.
- Circular 15.—Adulteration of Kentucky Bluegrass and Orchard Grass Seed. Pp. 5.
- Circular 16.—Tests of Commercial Cultures of Nitrogen-fixing Bacteria. P. 1.
- Circular 17.—Standards of Purity for Food Products. (Supplementing Circular 13.) Supplemental Proclamation. Pp. 7.
- Circular 18.—Adulteration of Red Clover Seed. P. 1.
- Circular 19.—Standards of Purity for Food Products. (Superseding Circulars 13 and 17.) Supplemental Proclamation. Pp. 19.
- Circular 20.—Adulteration of Alfalfa Seed. Pp. 2.
- Circular 21.—Rules and Regulations for the Enforcement of the Food and Drugs Act. Pp. 20.

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- Circular 3.—The Soils of the Pecos Valley, New Mexico. Pp. 7.
- Circular 4.—Soils of Salt Lake Valley, Utah. Pp. 11, fig. 1.
- Circular 5.—Bulk Fermentation of Connecticut Tobacco. Pp. 10.
- Circular 11.—Reclamation of Alkali Land at Fresno, Cal. Pp. 9.
- Circular 12.—Reclamation of Alkali Land near Salt Lake City, Utah. Pp. 8, fig. 1.
- Circular 13.—The Work of the Bureau of Soils. Pp. 13.
- Circular 14.—Opportunities for the Production of Cigar-leaf Tobacco in East Texas and Alabama. Pp. 4.
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- List of Publications of the Bureau of Soils, Edition of March, 1906. Pp. 21.

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- Circular 1.—Acreage, Production, and Value of Principal Farm Crops in the United States, 1866 to 1895, with Other Data as to Cotton and Wool. Pp. 8.
- Circular 3.—The Farmers' Interest in Finance. Pp. 15, figs. 2.

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Circular 18.—A New Wheat Industry for the Semiarid West. Pp. 8, figs. 2.

SEPARATES.

ADVANCE SHEETS.

[From Field Operations, Bureau of Soils.]

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Soil Survey of Perry County. 1902. Pp. 15, fig. 1, map 1.

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Same, Fort Payne Area. 1903. Pp. 21, fig. 1, map 1.

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ARIZONA.

Soil Survey of Salt River Valley. 1900. Pp. 46, pls. 4, figs. 7, maps 3.

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ARKANSAS.

Soil Survey of Miller County. 1903. Pp. 18, fig. 1, map 1.

CALIFORNIA.

Soil Survey of the Ventura Area. 1901. Pp. 37, pls. 7, maps 2.

Same, Lower Salinas Valley. 1901. Pp. 29, pls. 5, maps 2.

- Soil Survey around Imperial. 1901. Pp. 19, pls. 9, maps 2.
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Same, Hanford Area. 1901. Pp. 34, pls. 4, figs. 2, maps 2.
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COLORADO.

- Soil Survey of the Lower Arkansas Valley. 1902. Pp. 48, pls. 8, fig. 1, maps 2.
Same, San Luis Valley. 1903. Pp. 25, fig. 1, maps 2.
Same, Greeley Area. 1904. Pp. 47, fig. 1, map 1.

CONNECTICUT.

- Soil Survey of the Connecticut Valley. 1903. Pp. 27, fig. 1, map 1.

DELAWARE.

- Soil Survey of Dover. 1903. Pp. 26, fig. 1, map 1.

FLORIDA.

- Soil Survey of Gadsden County. 1903. Pp. 27, fig. 1, map 1.
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GEORGIA.

- Soil Survey of Cobb County. 1901. Pp. 11, fig. 1, map 1.
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Same, Dodge County. 1904. Pp. 20, fig. 1, map 1.
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IDAHO.

- Soil Survey of the Boise Area. 1901. Pp. 26, pls. 5, figs. 3, maps 4.
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